HORSE TRADES

This page of the Bulletin is for use of amateurs who have RTTY EQUIPMENT FOR SALE OR TRADE and those looking for equipment to buy or trade. It is a free service and may be the means of getting someone on the air.

WANTED—Tape Perforator and Tape Keyer	Robert W. Muler, 2100 Demster St., Evanston, Ill.
FOR SALE Complete Model 15 and 19	W9GRW
FOR SALE—Model 24 (similar to 26)	W6EV
FOR SALE—Model 26	W6OQB
TRADE—Model 26 Complete with Table	W4LCR
FOR SALE—Model 12 Printer Only	W6ZNU
FOR SALE—Toroids (Surplus C-114 Loading Coils) 20c plus postage	RTTY
FOR SALE—MG Set for Model 12	W7HPH
WANTED—Single Space Gear, Sync Motor for 12	W7HPH
FOR SALE OR TRADE—Model 26, A-1 Condx Want Mobile Rig	W8DRU
FOR SALE—Model 12 with Polar Relay, No Supply, also Model 12 Table only and Printer Only, Can use Tape Gear	W0NME
WANTED—Articles for RTTY Bulletin	RTTY

RTTY, Inc.
3769 East Green Street
Pasadena 10, Calif.
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NEWS OF AMATEUR RTTY

DECEMBER 1954

25 Cents

Vol. 2, No. 12

RESULTS OF THE SECOND ANNUAL RTTY SWEEPSTAKES CONTEST

The second annual sweepstakes brought more RTTY signals per dial division than at any other time in the history of amateur radio. All bands authorized for amateur RTTY operations were tried. At times the DIN around 7140 KCS was enought to scare the most ardent of the "Joy Boys". Truely a hot bed of activity.

Frank White, W3PYW, copped the Blue Ribbon with a tremendous score of over twenty-two hundred points. This was followed closely by W2JAV with over sixteen hundred points, and W2BDI very close behind. Sharing this spot was W6CG with sixteen hundred and sixteen points.

Others having higher scores were, W9TCJ, W8ZM, W6AEE, and W8BL with scores above one thousand points.

Scores were:

W3PYW—2262
W2JAV—1680
W2BDI—1640
W6CG—1616
W9TCJ—1241
W8ZM—1092
W6AEE—1079
W8BL—1022
W6LDF—966
W6MTJ—768
W6OWP—500
W1BDI—456
W8HP—450
W1BGW—440
W2TKO—419
W8GRL—324
W1AW—320
W8IJV—270
W5HZF—252
W3CRO—224
W3UWM—126
W5VJP—108
W4VP—98
W6OGG—80
W3LMC—60
W9ZBK—40
W7HRC—18
VE3GL—4
W7PQJ—2
W2EBZ—2
W6ZNU—2

Thirty sections out of a total of seventy two ARRL sections were represented. Several stations reported trying twenty-one MCS with out any luck. Both the Detroit and Los Angeles areas took advantage of two meter operations to add additional points. Twenty meter operation was at an unexpected high during the contest period. Band conditions were not the best, but many excellent contacts were made.

Other stations who were active during the contest, but have not sent in their entries are:

W1FGL, W2AKE-2, W2PBG, K2USA, W4MOP, W4VP, W5RJG, W6BGE W6BNB, W6DOU, K6EJM, W6EV, W6EGZ, W6LGO, W6MZO, W6OLC, W6SCQ, W6TRX, W6WYH, W6PNW, W6PZV, W6RL, W7AXJ, W7CO, W7LU, W8BYB, W8GLS, W8GRR, W8UKK, W9GRW, W9SPT, W9UAU, and VE2ATC.

Sections represented were:

Ontario, Quebec, E. Mass., NYCL & LI., W. NY., N. NJ., S. NJ., W. NY., W. Pa., E. Pa., Md., Del., D. C., E. Fla., Ky., Ohio, Mich., Wisc., Ill., Ind., N. Texas, N.M., Ariz., Wash., Oregon, Sacremento Valley, S. F., East Bay, Santa Clara, Santa Barbara, L.A., Conn.

Remember the Anniversary RTTY contest is to be held on the 20th of February 1955. This is the second contest commemorating the authorization by FCC of FSK RTTY operations on the lower frequencies. Details will be found in the January issue of RTTY.

INDEX OF RTTY ARTICLES

BY TED WILSON, W6WYH

SYMBOL	PUBLICATION
ARTS	Amateur Radio Teletype Society
CQ	CQ Magazines
QST	ARRL Magazines
RE	Radio Electronics Magazine
RN	Radio News Magazine
RTTY	RTTY, INC. Bulletin

This is the personal File of Ted Wilson and is as complete as his records are concerned. It may not suit all purposes but is intended as as guide to help others find information.

AFSK

Tone Oscillator ...... CQ, Dec. 52, P. 32
Filter Alignment .. CQ, Sept. 52, P. 25
Filter Chokes for Tone Oscillator .... RTTY, Apr. 53, P. 5
Oscillator Remote Keyer ...... ARTS No. 3
AFSK to FSK Converter ARTS No. 10
Diode Keyer .... ARTS No. 24
Northern Radio Co. Model 153 .... ARTS No. 27

AUTOSTART

Autostart .... CQ, Dec. 52, P. 32
Simple Autostart Circuits .... RTTY, Feb. 53, P. 4
Autostart and Stop ...... ARTS No. 14
Autostart in T.U. RTTY, Oct. 54, P. 7

AUDIO

Deviation Frequency Meter .... RTTY, Feb. 54, P. 8
V.T.V.M. for Filter Measurement .... ARTS No. 7

AUTOMATIC

Frequency Control .... ARTS No. 9
Threshold .... ARTS No. 24
Answering Devices, ... ARTS No. 8
Long Distance Calls .... ARTS No. 11

CHANNEL FREQS.

A - B - C - D .... RTTY, Jan. 53, P. 2
ARRL .... RTTY, Apr. 53, P. 17
Use for Traffic Net .... RTTY, Nov. 53, P. 10
Xtals for W6AEE FSK.. ARTS No. 14

CIRCUIT SCHEMATICS

Auto-Start .... RTTY, Feb. 53, P. 4
709D-1 Exciter Unit (FSK) .... RTTY, Feb. 53, P. 7
1-A Tape Head .. RTTY, Mar. 53, P. 3
DC Bias for Terminal Unit.... .... RTTY, Mar. 53, P. 4
FSK Keying, Xtal or VFO.... .... RTTY, Apr. 53, P. 3
AFSK Converter RTTY, Apr. 53, P. 7
Tone Oscillator .. RTTY, Apr. 53, P. 8
Complete Converter T. U. ....RTTY, Apr. 53, P. 9
FSK for ART-13.. RTTY, May 53, P. 4
Diagram for Scope .... RTTY, May, 53, P. 5
Scope Patterns.... RTTY, May 53, P. 7
21-A Electronic Distributor .. .. RTTY, May 53, P. 8
Block Diagram — Electronic Tape Dist. RTTY, June 53, P. 4
Ring Counter Unit RTTY, June 53, P. 6
Ring Counter Unit Waveforms ....RTTY, June 53, P. 6
Blocking Osc. & Waveforms ....RTTY, June 53, P. 7
Complete Elect. Sending Dist. ....RTTY, June 53, P. 8-9
Block dia. Make Break Convt. ....RTTY, June 53, P. 11
Diode Matrix Keyboard........ ....RTTY, July 53, P. 4
Suggested Counter Circuit Diagram .... RTTY, July 53, P. 4
Keyboard Storage Unit........ ....RTTY, July 53, P. 8-9
W6AEE TU..........RTTY, Aug. 53, P. 3
Selenium Power Supply for Scope...............RTTY, Aug. 53, P.5
Audio Osc. & Diode Keyer.... ....RTTY, Oct. 53, P.4
Tuning for Osc.........RTTY, Oct. 53 P. 4
Block Diagram for Converter Patching........RTTY, Oct. 53, P. 5
"On-Off" Adapter RTTY, Oct. 53,P. 9
W6UPY Converter .... RTTY, Nov. 53, P. 7

Circuit Schematics (Continued)

Electronic vs. Mechanical Distributor	RTTY, Jan. 54, P. 3
"RY" Waveform Timing	RTTY, Jan. 54, P. 3
Block Diagram Elec. Xmitting Distributor	RTTY, Jan. 54, P. 5
Matrix Coupling Neon	RTTY, Jan. 54, P.7
Elec. Dist. Chassis diag.	RTTY, Jan. 54, P. 9
Flip-Flop Waveforms	RTTY, Jan. 54, P.9
Elec. Dist. for Tape	RTTY, Jan. 54, P.10-11
Tuned Coil for FSK-W6CMQ	RTTY, Jan. 54, P. 20
W6OWP Terminal Unit	RTTY, Feb. 54, P. 3-4
FSK	RTTY, Feb. 54, P. 5
W6JAV TV & Freq. Unit	RTTY, Feb. 54, P.6-7
W6NCO Gated Beam TV	RTTY, Mar. 54, P. 9
TV Power Supply	RTTY, Mar. 54, P. 10
Distortion Generator W6NRM W9TCJ	RTTY, April 54, P.4
FSK Diode Modulator	RTTY, May 54, P. 4
TV Bias Supply	RTTY, May 54, P.4
W6FBV TV & Freq. Meter	RTTY, May 54, P. 8-9
Viking VFO	RTTY, June 54, P.4
W5HZF Tuning Indicator	RTTY, June 54, P. 6
Viking VFO	RTTY, July 54, P.3
Five Unit Visible Code	RTTY, July 54, P. 7
Circuit diag. of TTY Station	RTTY, Aug. 54,P. 5
Model 12 Noise Reduction	RTTY, Aug. 54, P. 5
Model 26 Carriage Return	RTTY, Aug. 54, P. 6
Freq. Shift Meter — W9TCJ	RTTY, Sept. 54, P.4
Terminal Unit by Gates	RTTY, Oct. 54, P. 6-7
Decade Capacitor	ARTS No. 7
Gonset Communicator	ARTS No. 26
W2JAV Keking Circuit	ARTS No. 3

Circuit Schematics (Continued)

VT Printer Keyer—W6NRM	ARTS No. 4
W6NRM Tuning Indicator	ARTS No. 4
W6ITH Xtal Shifter	ARTS No. 4
W6NRM Model 12 Printer VT Keyer	ARTS No. 5
W6NRM FSK Modulator	ARTS No. 6
NFM to FSK	ARTS No. 6
NFM to FSK	RN, May, 50, P. 63
W2BFD Filter Alignment	ARTS No. 7
W3ODF R-E Selective Ampli.	ARTS No. 7
End of Line Indicators—W2MYH	ARTS No. 8
W0HZR Bridge & Parallel "T" networks	ARTS No. 9
W0HZR Audio Frequency Discriminator	ARTS No. 9
W2BFD Tubless Converter	ARTS No. 9
W6AEE AFSK-FSK Converter	ARTS No. 10
FSK-MAB Converter	ARTS No. 10
Carrier Control, Mark Hold	ARTS No 10
W6VEG Converter	ARTS No. 11
Auto-Start-Stop	ARTS No. 14
Receiving and Transmitting Distributor Plate	ARTS No. 14
DC-AC Model 12 Distributor Conversion	ARTS No. 16
W0HZR Tuning Indicator	RTTY, Dec. 54, P. 2

CODE

"Bell" "Q"	CQ, Oct. 52, P. 37

CONTACTS

Cross Country	RTTY, Mar. 53, P. 1
From Canada	RTTY, Apr. 53, P. 16

CONVERTER

SEE TERMINAL UNIT

DIODE MODULATOR

The Useful	CQ, Apr. 52
For FSK	CQ, May 54, P. 4
Diode Modulator	ARTS No. 24

DISTRIBUTOR

Electronic for 21-A Tape Printer	RTTY, May 53, P. 1
Electronic for W.U. 1-A Tape Head	RTTY, June 53, P. 1
Keyboard Adaptor for Electronic Dist.	RTTY, July 53 P. 1
Distortion from Keyboard	RTTY, Oct. 53, P. 10
Test for Transmitting	RTTY, Oct. 53, P. 12

F.C.C. RULES

12.107	RTTY, Jan. 53, P. 1
More on Rules	RTTY, Feb. 53, P. 8
MARS Stations	RTTY, May 53, P. 12

FILTER

AFSK and Alignment, Torroid Coils	CQ, Sept. 52, P. 25
Bandpass Filter Using Small Chokes	RTTY, Apr. 53, P. 5
Double Tuned for Selectivity	RTTY, Apr. 53, P. 5
FL-5 Range Filter for T. U.	RTTY, June 53, P. 11
1 kc Audio Filter for On-Off Adaptor	RTTY, Oct. 53, P. 8
Modification of 733D Filters	CQ, Dec. 52, P. 33
FL-5, FL-8 Filters for FSK Converter	RTTY, Feb. 54, P. 2
FL-5, FL-8 for Audio Freq. Meter	RTTY, Feb. 54, P. 8
FL-8A Band Pass	ARTS, 3, 16, 26
R/C Filter Circuit	ARTS No. 5
BC-733D Filter Conversion	ARTS No. 5
Alignment Setup	ARTS No. 5
Alignment Setup	ARTS No. 7
Parallel-T Network	ARTS No. 9
Bridged-T Network	ARTS No. 9
Ratio Converter using FL-5 Filters	ARTS No. 12

FILTER (Continued)

BP100 in Discriminating Unit	ARTS No. 24
Band Pass in Receiver	ARTS No. 26
Polar Relay QRM Filter	ARTS No. 29
Toroid Coil Information	ARTS No. 30
Toroid Coil Information	QST, June 49, P. 29
Toroid Coil Information	QST, Nov. 51, P. 29
Filter Design	CQ, Nov. 46

FLIP-FLOP

Electronic Relay for VT Keyer	ARTS No. 12
As Substituted for Polar Relay	RTTY, Oct. 53, P. 3
Matrix System	RTTY, Jan. 54, P. 2

FSK

Frequencies	CQ, June 52, P. 11
Signal Receiving, Block Diagram	CQ, Aug. 52, P. 29
Collins 709D-1 FSK Oscillator Schematic	CQ, Oct. 52, P. 37
Crystal Oscillator Stretcher for FSK	CQ, April 53, P. 28
Exciter Using Collins 709D-1	RTTY, Feb. 53, P. 1
Receiving Hints	RTTY, Feb. 53, 11
VFO and Xtal Methods for FSK	RTTY, April 53, P. 1
Using BC-221	RTTY, April 53, P. 3
Using ART-13 as VFO	RTTY, May, 53, P. 4
T. U. for FSK	RTTY, Aug. 53, P. 1
FSK Using a Diode Keyer	RTTY, Oct. 53, P. 3
Adjusting FSK Keyer	RTTY, Oct. 53, P. 3
Keyer-Converter Oscillator Block	RTTY, Oct. 53, P. 5
FSK on High Freq. using 522 Ind Coil	RTTY, Jan 54, P. 16
FSK Converter	RTTY, Feb. 54, P. 2
Keying Circuit	QST, Aug. 53, P. 23
Keying Circuit Voltage	RTTY, Feb. 54, P. 3
FSK for Collins 32V Transmitter	RTTY, May 54, P. 2
Taming Viking VFO	RTTY, June 54, P. 3

FSK (Continued)

More on FSK for Collins 32V Transmitter	RTTY, June 54, P. 6
FSK on Viking VFO	RTTY, July 54, P. 3
Smiplified Cathode Bias Shift	RTTY, July 54, P. 6
FSK for Heathkit VFO	RTTY, June 54, P. 3
FSK by W6CMQ	RTTY, Oct. 54, P. 9
Collins 709D-1 Oscillator	ARTS No. 2
O-5/FR Exciter	ARTS No. 4
Collins 70E-8 Exciter	ARTS 4-17
Using Xtal Diode	ARTS No. 4
Diode Circuit	ARTS No. 6
Miller Effect FSK of VFO	ARTS No. 6
FSK from AFSK Converter	ARTS No. 10
I. F. FSK Converter	ARTS No. 10
Converter Model CFA	ARTS No. 22
Exciter Model XFK	ARTS No. 23
Converter Using Toroid Filters	CQ, Sept. 52
Modulator and Electronic Driver	ARTS No. 12
Dual Tone Converter—152	ARTS No. 25
W4ZC/2 FSK-MAB Converter	ARTS No. 30
T. U. Tuning Indicator	RTTY, Nov. 54, P. 2

MAKE & BREAK

Block Diagram	RTTY, June 53, P. 11
FSK-MAB Converter	ARTS No. 30

MARK - SPACE

Explained, Block Diagram	CQ, Dec. 51, P. 20
Selected from Terminal Unit	RTTY, Aug. 53, P. 1
Mark Hold Circuit	ARTS No. 10

MODELS

12 Wiring	CQ, Feb. 52, P. 26
Types of Printers	CQ, Aug. 52, P. 29
Classifications	RTTY, Jan. 53, P. 4
12 Explained	RTTY, Jan. 53, P. 4

MODELS (Continued)

28 for Navy Use	RTTY, Apr. 53, P. 10
100-A Kleinschmidt, 160 w.p.m.	RTTY, Apr. 53, P. 15
Teletypesetter	RTTY, July, 53, P. 6
More on Classifications	RTTY, July 53, P. 11
Model 28	RTTY, Sept. 53, P. 4
25A—A Lemon	RTTY, 53, P. 11
Japanese	RTTY, Aug. 54, P. 3
German	RTTY, Aug. 54, P. 11

MODEL 12

Testing Selector Springs	RTTY, June 53, P. 10
Correcting RF Interference	RTTY, Aug. 53, P. 8
Distortion from Keyboard	RTTY, Oct. 53, P. 10
Distortion from Felts	RTTY, Oct. 53, P. 11
Unspace Gadget	RTTY, Nov. 53, P. 8
Model 12 With VT Keyer	ARTS No. 6
Model 12 With VT Keyer	CQ, Feb. 52
Series Wound Motor Filter	ARTS No. 29
Rotary Tape Distributor	ARTS No. 30
Cleaning and Maintenance	ARTS No. 32
Ribbon Throw Cam	ARTS No. 10
Unshift on Space Removed	ARTS No. 11

MODEL 15

Voltage Supply for Loop	RTTY, Feb. 54, P. 3

MODEL 26

Page Printer Described	RTTY, Dec. 53, P. 1
Carriage Return Manually	RTTY, Aug. 54, P. 6
Carriage Return Automatic	RTTY, Aug. 54, P. 7
Line Feed Automatic	RTTY, Aug. 54, P. 7
Getting On the Air	RTTY, Sept, 54, P. 6

MODULATOR

Diode Modulator	CQ, April 52, P. 18

OSCILLATORS

AFSK Tone	CQ, Dec. 52, P. 32
Frequency Shift	CQ, Oct. 52, P. 37
Collins 709D-1 FSK, Schematic	CQ, Oct. 52, P. 37
Crystal Oscillator Stretcher for FSK	CQ, April 53, P. 28
VFO for FSK Methods	RTTY, April 53, P. 1
Crystal for FSK Methods	RTTY, April 53, P. 1
Filter Chokes for Tone	RTTY, April 53, P. 5
Tone Oscillator for T. U.	RTTY, April 53, P. 5
Tone Oscillator	RTTY, Oct. 53, P. 2
Making Standards for Tone	RTTY, Oct. 53, P. 2
Tuning	RTTY, Oct. 53, P. 4
Audio Oscillator and Diode Keyer	RTTY, Oct. 53, P. 4
Frequency Shift Crystal Osc.	QST, July 53, P. 31

POLAR RELAY

For Neutral Keying	ARTS No. 25
R/C Filter	ARTS No. 29

POWER SUPPLY

Power Supply	CQ, Dec. 52, P. 32
Tape Equipment	CQ, April 52, P. 33
2-Inch Scope	RTTY, Aug. 53, P. 4
Magnet Keyer	RTTY, Jan. 54, P. 11
Terminal Unit	RTTY, Mar. 54, P. 10
Terminal Unit Bias Supply	RTTY, May, 54, P. 4
Motor Conversion DC to AC	ARTS No. 16

PRINTER

Experimental Connection	ARTS No. 3
Connecting the Single Magnet	ARTS No. 25
Code Bar Trouble Model 25A	ARTS No. 26
Call Letters to Cover Name Plates	ARTS No. 14

RANGE

Use of Finder	RTTY, Mar. 54, P. 3
Generation of Distorted Signal	RTTY, Mar. 54, P. 3
Finder for Tape Distributor	RTTY, April 54, P. 2

RECEIVER

FSK Signal Receiver Block Diagram	CQ, Aug. 52, P. 29
Hints on Receiving FSK	RTTY, Feb. 53, P. 11
Minimize Frequency Drift in Receivers	RTTY, Mar. 53, P. 4
Using Scope Patterns for Tuning	RTTY, May, 53, P. 6
Tuning Receiver for ON-OFF Adapter	RTTY, Oct. 53, P. 8
Receiver and the Terminal Unit	RTTY, Oct. 54,

ROSTERS

Coast	CQ, Feb. 52, P. 26
California	RTTY, Jan. 53, P. 3
U. S. A. and Canada	RTTY, May, 53, P. 11
More on U. S. A. and Canada	RTTY, July 53, P. 11
More on U. S. A. and Canada	RTTY, Sept. 53, P. 10
Having Model 26's	RTTY, Jan. 54, P. 7
Southern California 2-Meter	RTTY, Nov. 54

SCOPE

Scope and Power Supply .... CQ, Dec. 52, P. 32

Scope Tuning Indicator for FSK .... RTTY, May 53, P. 5

Scope Patterns for Tuning Receiver .... RTTY, May 53, P. 6

2-Inch Power Supply .... RTTY, Aug. 53, P. 4

Scope for Testing Distortion .... RTTY, Oct. 53, P. 10

Scope for Pulse Testing .... RTTY, Jan. 54, P. 6

SCRTS (Society)

Proposed Frequencies, 20-40-80 .... RTTY, Mar. 53, P. 5

Handbook .... RTTY, Mar. 53, P. 9

Membership List .... RTTY, April 53, P. 13

Membership List .... RTTY, Dec. 53, P. 7

TAPE

Distributor, ARTT 5003 .... CQ, April 52, P. 33

Equipment Power Supply .... CQ, April 52, P. 33

W6NRM Distributor, Electronic Picture .... CQ, Jan. 53, P. 29

Using 1-A Tape Head with Model 12 .... RTTY, Mar. 53, P. 3

Perforators Changed to Reperforators.... RTTY, Apr. 53, P. 5

Electronic Distributor for 1-A Tape Head.... RTTY, June 53, P. 1

Recorder for Test Signals .... RTTY, Dec. 53, P. 5

Electronic Tape Distributor .... RTTY, Jan. 54 P. 2

Modification of the Six Unit .... RTTY, April 54, P. 7

More on Electronic Distributor .... RTTY, July 54, P. 7

Five Unit Visible Code .... RTTY, July, 54, P. 7

Wiring, Xmtr and Distributor .... CQ, April 52

TAPE (Continued)

Wiring, Xmrt and Distributor .... ARTS No. 4

End of Line Indicator, Single Flash .... ARTS No. 8

Use Krylon to Strengthen.... ARTS No. 3

Making a Tape Distributor Faceplate .... ARTS No. 32

TERMINAL UNIT

W6AEE Terminal Unit .... CQ, Dec. 52, P. 32

AFSK Terminal Unit ....RTTY, April 53, P. 5

Make and Break Block Diagram .... RTTY, June 53, P. 6

T. U. Addition for Mark, FSK or Space .... RTTY, Aug. 53, P. 1

W0OYS On-Off Adaptor .... RTTY, Oct. 53, P. 7

W6UPY Converter ....RTTY, Nov. 53, P. 3

Terminal Unit .... QST, Jan. 53, P. 44

W6NCO Gated Beam .... RTTY, Mar. 54, P. 8

W6ZBV Terminal Unit and Freq. Meter .. RTTY, May 54, P. 5

Simple Tuning and Shift Indicator .... RTTY, June 54, P. 5

W9TCJ Freq. Shift Meter .... RTTY, Sept. 54, P. 3

Filter Dope .... RTTY, Oct. 54, P. 3

Gates Terminal Unit .... RTTY, Oct. 54, P. 3

Using 50L6 Output Transformers .... CQ, Nov. 46

Tuning Indicator .... ARTS No. 4-20

Terminal Unit without Tubes .... ARTS No. 9

Jiffy Converters .... ARTS No. 10

Ratio Converter Using FL-5 Filters .... ARTS No. 12

Using BC-733D Filters .. ARTS No. 15

For Make/Break Operation .... ARTS No. 18

For FSK Model CFA .... ARTS No. 22

Northern Radio Co. Model 153 .... ARTS No. 27

TERMINAL UNIT (Continued)

Telegraph T. U. TH-5/TG .... ARTS No. 29

W6NRM T.U. Tuning Indicator .... ARTS No. 4-20

TEST EQUIPMENT

Test Equipment....RTTY, Jan. 54, P. 6

Scope for the Hamshack .... QST, Feb. 48

Audio VTVM for Filter Meas. .... ARTS No. 7

W6CLW and W6GFI Tone Wheels .... ARTS No. 8

TUNING INDICATOR

Toroid Coil .... RTTY, June 54, P. 5

W5HZF Circuit RTTY, June 54, P. 6

6AL7 for FSK .. RTTY, May 54, P. 6

W0HZR Tuning Indicator for Freq. Shift....RTTY, Nov. 54, P. 2

Using TV Linearity Coils .... ARTS No. 29

W0HZR Phase Detector ARTS No. 32

W0HZR Tuning Indicators .. RTTY, Nov. 54, P. 2

V.T. KEYER

V. T. Keyer .... CQ, April 52, P. 33

Hints for V. T. with Model 12 .... RTTY, June 53, P. 10

Diode Keyer .... RTTY, Oct. 53, P. 2

V. T. Keyer .... ARTS No. 4

With Model 12 .... ARTS No. 6

With Model 12 .... CQ, Feb. 52

WEATHER

Weather Broadcast Information .... RTTY, July 64, P. 8

WEK Meterological Broadcast Freqs.
Days .... 8140 - 13624 - 18765
Nites .... 8140 - 13624

RTTY "On the Hour Until 13 Min. After" .... ARTS No. 10

"Z" SIGNALS

"Z" Signals .... RTTY, July 54, P. 10

. . . . Thanks again for all the relaying, when you get tired, just say so. Tell Merrill we need the standard types for our keyboard. Our keyboards were stock market type or not standard type. Just wondered what it takes to get standard types so so many fractions will not show up. HI. so how now? W5VJP de W5ESV

* * * *

. . . . OK on the shift, I forgot to throw it as I was on 40. W6PYW de W2PBG.

* * * *

. . . . W6AEE de KH6SP, Fine Merrill, name here is Ed., as you probably know. And using a Model 19...in case you don't remember our letters from Midway and if you do, you will know I subscribe to RTTY.

* * * *

. . . . Say Frank, could you give me times for this contest? Haven't received bulletin here yet. And if you have the time, have question for you from MP so how. W3PYW de W1AW.

* * * *

. . . . GE Jack, your sigs very "watery" I can copy you OK. QRM is not bothering you Jack. How do you read? W1AW de W3PYW.

. . . KH6SP Pearl Harbor de W6CG, Temple City—Good evening and fine — My first KH6 contact on RTTY, glad to hear you here. Name here is Bud, and am running 400 Watts input. Your Sigs are excellent copy here, OM. Please report on my copy over there and name?

W6CG de KH6SP — Fine business and tnx for the come back. You are our FIRST TWO WAY contact anyplace. Name here is Ed. Was just working on the reperf of this Model 19 and heard you calling so tuned it in. What say now Bud AR

. . . KH6SP Pearl Harbor de W6CG, Fine Ed and solid copy here. This is the regular RTTY Freq. for the States so if you will monitor this Freq. you will hear lots of RTTY stations. Will pass the word around for the gang to listen for you Ed and I know they will be pleased to work you. AR K

W6CG de KH6SP. Fine business Bud, your sigs are getting better. This is a Club Station running 120 watts to a Viking Two, an FSK circuit keyed by this Model 19 with a URA 6 converter. Home Call is W6PIO. So what say, Bud??? W6CG de KH6SP. AR K

* * * *

. . . On twenty meters, there sure isn't much activity up there, but I figure if a couple of guys get up there and start pounding away that pretty soon there will be more guys move up there as it is the best band for cross country contacts, no QRN to speak of. This VE3 I worked said he often works Paris on RTTY on that freq. and understand there are more RTTY stations coming on in Europe at the American Bases etc., and there are also sum in Japan. W6BRY here in Paso Robles and myself are trying to make a sked with Ka#WW over in Japan if we can ever get together on the time, etc. W6ZNU de W6MSG.

. . . . I'm afraid I'm going to get a pink ticket, for I found that I was operating for over an hour out of band. Hi. I just took the wrong side of my oscillator.

* * * *

. . . . W1BGW de W2BDI. Land line again! Guess the happiness boys have given up, Hi. Well, my final should run three KW when she is loaded so I'll be glad to volunteer for the job of moving the HLKK!! But someone else has got to move the Russian! He just has too much power for me. If there were local stations on he would not be getting any audience.

* * * *

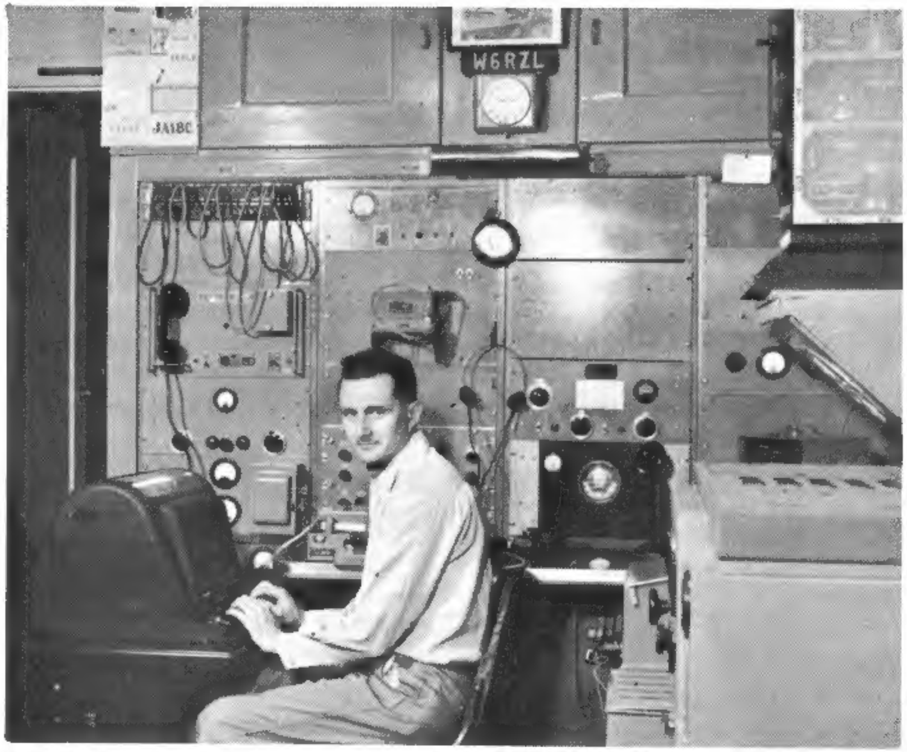
. . . . W1BGW and W6AEE de W5ESV, Tulsa, Okl. OK Jack and Merrill both youse guys are coming in here fine. Jack I am also operating by the good Machine 26 in favor of Merrill.

* * * *

While working on this issue of RTTY the lights sudddenly went out due to a shorted line in the neighborhood and the old print shop was in darkness and as time rolled along it become apparent that no progress was being made. Ted Wilson, W6WYH was here checking the Index pages and it was a shame to let the work stop. So Ted and I (W6CL) jumped in the old truck and drove over to W6ILW for the loan of his portable supply. Steve was in a good mood and let us take it—all the time thinking we were trying to put something over on him—Soon after we arrived back at the salt mine along comes Steve (He still didn't trust our story) and before I could question him as to why he was here he said he passed an army of Light Co. trucks and all would be forgiven. Steve then proceded to tie the power into the light line (after the switch was opened) and Ted Went along with his work on the Index.

P. S.—The power was off for four hours and fifteen minutes.

AMATEUR RADIO W6RZL, RICH HOECK



The RTTY gear consists of: Model 26 printer, Model 12 printer, Western Union Perforator, Rack Mounted Tape Distributor. Transmitters: BC-610 and TBW-3. Exciter is the heterodyne type, picture and description of same in the 1953 and 1954 ARRL Amateur's Handbook. Keying is entirely electronic, no relays being used. Receiver is Hammarlund Super-pro & Q 5er, Terminal unit is a W6OWP ratio detector type. The rack on the extreme left of picture contains the power panel for the transmitter and other units in station. The top portion contains a set of Western Electric jack strips and terminal boards which enable the patching of various pieces of equipment into the various other units as the need arises. The frequency measuring device is the familiar BC-221 heterodyne frequency meter.

Best 73—Rich Hoeck, W6RZL

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For Information Regarding the Society Contact the Following:
W6CLW—Ed Simmons
W6AEE—Merrill Swan
W6SCQ—Lewis Rogerson

For Traffic Net Information:
W6FLW W6IZJ

For "RTTY" Information:
W6CL W6DEO W6AEE

RTTY Comments by a Friend of the "Old Man"

SAM DROOPEL accidently encountered the "OLD MAN" while on his daily rounds. The Old Man recognized Sam as being the procrastinator who had burst his buttons to get a teletpye machine but who had since then become one of the "lazy dogs," never quite getting around to putting his unused RTTY gear into operation.

After a stern "dressing down" delivered by the Old Man, Sam resolved to return home immediately without the usual afternoon gussle, turn over a new leaf, and get that terminal unit, which it was claimed by some of the experts could be built in a few hours.

Struggling and fussing over the unit for weeks, he finally managed to get in a few tests before the start of the recent RTTY-SS Contest. He had heard the gang talk about this contest a lot and was looking forward to many enjoyable contacts. But, Oh Brother! Sam had participated in DX and Sweepstakes contests and was thoroughly familiar with the rather rugged going encountered, but his experience in the recent teletype contest made the others mild as a little pussy cat by comparison. Being new at RTTY, Sam would zero his transmitter frequency to the frequency of the station he wished to work, would patiently wait until the nearby Ham who happened to be contacting this station would finish, but low and behold, almost every time, without listening the other charactor would turn on his automatic tape sending equiptment on the same frequency, calling CQ and sending RY's five to ten minutes at a time. Now Sam is somewhat discouraged, doesn't know what he ought to do. He didn't realize that teletype operators could be such "pigs" and not follow normal operating courtesies.

When running into Sam looking very sad, I assured him that the Old Man and the majority of the gang were not "pigs" such as those that he encountered during the contest. He finally resolved to give RTTY another try and perhaps even enter the anniversary RTTY contest in February.

Fellows, Sam's experience ought to be a lesson to us. Unfair and inconsiderate operating practices have no more room on RTTY than they have in other amateur radio activities. If we want the number of RTTY stations to increase, let's all take a listen before we turn on that gosh darn automatic tape sending contraption, and after we do turn it on let's not have dinner, go to the movies, or do errands around the house while the poor sucker on the band waits for the automatic tape transmission to end so that he can work us. Rember, there is an F.C.C. reg (see note) which calls for CW identification to be sent at least every ten minutes.

*With apologies to QST series the Old Man. Comment regarding this material should be addressed to RTTY, who will forward them to the author who wishes to be unknown at this time.
Ed.

Note: Section12.82 iii of the F.C.C. Rules governing amateur service.

"I got a little trip a couple of weeks ago. Went all the way to ENID, that's not much of a trip as trips go. But was up there to show the ENID man how to install a Model28 TTY. The first one to go in the State of Oklahoma."

—Everett ex W5ADE

RYRYRYRYRY

"Thank you sincerely for your thoughtful kindness at a time when it was deeply appreciated. Your flowers were beautiful and especially appreciated."

—Beulah Green (W2VDM's wife)

RYRYRYRYRY

"I have been using the W2BFD converter for quite a while now, and while iit works quite well, I have the feeling that it would do much better if I had a pliminary Band-Pass filter on it. Right now I am taking the 6ohm output of my HRO-50, feeding in to a matching transformer and from there to my converter input at high impedance. Of course it Would be nice if I could get a filter circuit perking which impossible. However, I under stand that there are filters available which have 600 ohms in and out.,

—Ken, W1RBF

Bill Gates ℅ W6CG can supply filters like those which Ken inquires.—Ed.

RYRYRYRYRY

"When in RTTY QSO, common courtesy dictates that the transmitting station should use the MARK frequency for CW transmission and should key to the carrier, rather than send CW signals with FSK. Do you agree?"

Note, signature omited on this. Comments are requested.—Ed.

"I have my Model 26 working OK on local copy, thanks again for helping me get it. I hope to build a converter and get on the air in a few months. The reason I am writing is that I was wondering if you have any plans for your converter available? Also does RTTY have any polar relays available?"

—Fred, W7SRU

If there is enough interested RTTY will carry the W6AEE converter which has been going the rounds in the Seattle area. Any others who wish to use it for a short while may do so by writting to RTTY. All that is required is to pay shipping charges.—Ed.

RYRYRYRYRYRY

"Was a thrill to work you on forty meters. The printer is the ole 12 and the converter is W2PAT's gadget (Jan.,1953 QST) which also works fine and I was able to get on without any delay. Iam taking steps to build the Gate Beam converter of W6NCO's and got the troids from W6CAP. If it works it ough to be hot stuff though it may turn out to be too sharp for FSK on acount of drift and so forth, we shall see."

—Al, W1FGL

RYRYRYRYRY

"Enclosed is my contest log for the RTTY SS, had a lot of fun even though operating hours were fairly limited. Was hoping for a band opening on 40 Sat. night, to try and get some of you W6 boys, but "no hear" anyone all in Pitts, so guess the band didn't open up."

—Ken, W3UWM

"Bob Bohannan, W8AV and Mel Walcutt, W8LQK didn't get on the air during the contest, I think Bob was out of town and Mel was working on his SSB epuipment. I didn't hear anyone else in Ohio so, I wonder if I had the State all to myself, Hi?"

——Warren, W8IJV

RYRYRYRYRY

"Have been interested in RTTY for a couple of years. Down here in Miami where we came on in January I have a Model 26 with converter, with them I have had some success with weather from KMIA and several press stations. The transmitter is only about 150 watts but if I can ever get the printer working solidly I'll be able to key the VFO and be on the air. However 80 won't get you down this way. We have a noise level thats too high. Have been looking on either 40 or 20 with no luck."

—73, Bob, W4BQW

RYRYRYRYRY

"Here is a yarn you may not believe, but when I was hunting out in the woods a long way from home and civilization a heavy rainstorm came up. I found a large log that was hollow so I crawled in to keep dry. The rain lasted a long time and when I tried to get out I found the log had shrunk and held me fast. I tried for hours to get out, but finally decided it was no use and I was in a death trap. Many thoughts passed thru my mind. I hoped my maker would remember the good things I had done, always short CQ's, truthful signal reports then I remembered that I had been getting issues of RTTY since May and had not paid my subscription. I felt so small that I easily got out of the log. Enclosed herewith is my check for renewal."

RYRYRYRYRYRY

"Thanks for the list of the local TT boys. Will try and visit them soon. I should be on the air within a couple of months after I return home. Sometime in November."

—73, Stanley, W1BRJ

"Enclosed find my contest score. It was a lot of fun but it would have been still better if conditions gave us a break. Heard you on CW but your sigs were very weak. Also heard your RTTY on Friday night but too weak to copy. Sorry for my poor showing but had to work all day Saturday. Friday night had lots of QRN as it was warm and raining here."

—Jack, W1BGW

RYRYRYRYRY

"Since my first letter, I've been reading quite a bit about RTTY, and so far, all the TU's I've seen have resorted to LC filters. I've been wondering if perhaps a phasing set-up couldn't be used, such as two Select-O-Jets? Hoven't gone deep into this but it seems that this would allow for adjustments for possible future reduced shift requirements."

—Art, W6MXJ

RYRYRYRYRY

"Doc, W9UAU built up another of those 'Little Gem' low pass filters for his new shift meter, and he had some slight troubles nulling out at the cut-off end. We reversed the polarity of one of the coils and it nulled nicely. Thot I had better tell you about it so that in case you print a sketch of my simplified two tube addition, you can say to interchange the connections to one coil in order to null out the cut-off end. It has a really sharp cut-off at about 1100 or 1200 cycles.

—Bob, W9TCJ

RYRYRYRYRYRY

"Our visit to Pasadena is warmly remembered. My time is divided between different operating enterprises, correspondence with my two lads in the service and some constructional projects. I hope to find time to complete my frequency shift arrangement for other bands before the end of the month so that if I can be here at that time I might run across your signals."

—73, Ed. W1BDI

Traffic Net News

By EMILE DUVAL, W6FLW

The RTTY Society of Southern California Net operates every Tuesday evening at 8:00 p. m. on 147.85 mc.

ACTIVITY FOR THE MONTH OF NOVEMBER, 1954

Nov. 2—W6IZJ, N. C.—18 Checkins

W6AEE
W6AFX
W6CAP
W6CG
W6CKS
W6DNJ
W6FLW
W6EV
W6EGZ
W6IAL
W6IIV
W6IZJ
W6JAU
W6NAT
W6NWM
W6SCK
W6SCQ
W6ZBV

Nov. 9—W6WYH, N. C.—19 Checkins

W6AFX
W6CG
W6CYR
W6DNJ
W6EV
K6HJB
W6IAL
W6IEU
W6IIV
W6ILW
W6IZJ
W6NAT
W6NCP
W6NWM
W6RL
W6SCQ
W6SCQ
W6WYH
W6ZBV

Nov. 16—W6IZJ, N. C.—21 Checkins

W6AEE
W6AFX
W6CAP
W6CG
W6CK
W6CKS
W6EGZ
W6EV
W6FLW
W6KJO
K6HJB
W6IAL
W6IEU
W6IIV
W6IZJ
W6NAT
W6NV
W6RL
W6SCK
W6SCQ
W6ZBV

Nov. 23—W6FLW, N. C.—28 Checkins

W6AEE
W6AFX
W6CAP
W6CG
W6CK
W6CND
W6CYR
W6EGZ
W6EV
W6FLW
W6IAL
W6IIV
W6IZJ
W6JAU
W6JFZ
W6KJO
W6LGO
W6MQP
W6NAT
W6NSS
W6NUY
W6RL
W6SCK
W6SCQ
W6TLO
W6WYH
W6ZBV
K6HJB

Nov. 30—W6FLW, N. C.—19 Checkins

W6AEE
W6CG
W6CK
W6CKS
W6CND
W6DNJ
W6EGZ
W6EV
W6FLW
W6IEU
W6IIV
W6IZJ
W6JAU
W6MQP
W6NAT
W6NUY
W6SCQ
W6TLO
W6ZBV

East Coast Traffic Net

The East Coast RTNET meets regularly on Wednesdays at 8:00 p. m. on 3620 kcs. At present approximately twelve to fifteen have been checking in and taking part in the handling of traffic.

The Mid Western RTNET also meets on Wednesday at 7:00 p. m. on 3630 kcs. from information received by RTTY. 10 to 15 stations have reported in during the last few weeks.

Arrangements have been made between W3PYW and W9TCJ to take care of any traffic originating in either RTNET with destination in the other RTNET. In half an hour after start of RTNET work, contact will be made between W3PYW and W9TCJ in respect to traffic on hand and then will relay on any traffic afterwards into their respective RTNETS.